

Message

**From:** Casso, Ruben [Casso.Ruben@epa.gov]  
**Sent:** 3/3/2021 4:16:35 PM  
**To:** Robinson, Jeffrey [Robinson.Jeffrey@epa.gov]; Verhalen, Frances [verhalen.frances@epa.gov]  
**Subject:** RE: Sterigenics - Initial DRAFT fact sheet

I'm not seeing that TCEQ edited those numbers at all in their recent review of the HQ info

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**From:** Robinson, Jeffrey <Robinson.Jeffrey@epa.gov>  
**Sent:** Wednesday, March 3, 2021 10:02 AM  
**To:** Casso, Ruben <Casso.Ruben@epa.gov>; Verhalen, Frances <verhalen.frances@epa.gov>  
**Subject:** RE: Sterigenics - Initial DRAFT fact sheet

(b) (5)

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**From:** Casso, Ruben <Casso.Ruben@epa.gov>  
**Sent:** Wednesday, March 3, 2021 10:00 AM  
**To:** Robinson, Jeffrey <Robinson.Jeffrey@epa.gov>; Verhalen, Frances <verhalen.frances@epa.gov>  
**Subject:** RE: Sterigenics - Initial DRAFT fact sheet

I found this in the HQ rulemaking data on the facility. I'm checking if TCEQ updated it at all.

A-40		A-41	
Annual EtO <u>stack emissions</u> of facility for the last 5 years		Annual EtO <u>fugitive emissions</u> of facility for the last 5 years	
Enter <u>calendar year</u> in this column		Enter <u>calendar year</u> in this column	Enter the <u>value</u> of annual EtO emissions in this column (pounds)
2019	160.85	2019	300.43
2018	124.83	2018	300.01
2017	123.37	2017	288.12
2016	107.45	2016	252.84
2015	112.38	2015	244.27

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**From:** Robinson, Jeffrey <Robinson.Jeffrey@epa.gov>  
**Sent:** Wednesday, March 3, 2021 9:57 AM  
**To:** Verhalen, Frances <verhalen.frances@epa.gov>; Casso, Ruben <Casso.Ruben@epa.gov>  
**Subject:** RE: Sterigenics - Initial DRAFT fact sheet

(b) (5)

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**From:** Verhalen, Frances <[verhalen.frances@epa.gov](mailto:verhalen.frances@epa.gov)>  
**Sent:** Wednesday, March 3, 2021 9:39 AM  
**To:** Robinson, Jeffrey <[Robinson.Jeffrey@epa.gov](mailto:Robinson.Jeffrey@epa.gov)>; Casso, Ruben <[Casso.Ruben@epa.gov](mailto:Casso.Ruben@epa.gov)>  
**Subject:** RE: Sterigenics - Initial DRAFT fact sheet

I have no other changes.

Frances Verhalen, P.E., Chief  
Air Monitoring & Grants Section  
US Environmental Protection Agency  
1200 Elm Street, Suite 500 (MC 6ARPM)  
Dallas, TX 75270  
214-665-2172  
[verhalen.frances@epa.gov](mailto:verhalen.frances@epa.gov)

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**From:** Robinson, Jeffrey <[Robinson.Jeffrey@epa.gov](mailto:Robinson.Jeffrey@epa.gov)>  
**Sent:** Wednesday, March 03, 2021 9:30 AM  
**To:** Casso, Ruben <[Casso.Ruben@epa.gov](mailto:Casso.Ruben@epa.gov)>; Verhalen, Frances <[verhalen.frances@epa.gov](mailto:verhalen.frances@epa.gov)>  
**Subject:** RE: Sterigenics - Initial DRAFT fact sheet

That works for me. I will move it forward if no more changes.

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**From:** Casso, Ruben <[Casso.Ruben@epa.gov](mailto:Casso.Ruben@epa.gov)>  
**Sent:** Wednesday, March 3, 2021 9:22 AM  
**To:** Robinson, Jeffrey <[Robinson.Jeffrey@epa.gov](mailto:Robinson.Jeffrey@epa.gov)>; Verhalen, Frances <[verhalen.frances@epa.gov](mailto:verhalen.frances@epa.gov)>  
**Subject:** RE: Sterigenics - Initial DRAFT fact sheet

How's this?

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**From:** Robinson, Jeffrey <[Robinson.Jeffrey@epa.gov](mailto:Robinson.Jeffrey@epa.gov)>  
**Sent:** Wednesday, March 3, 2021 9:12 AM  
**To:** Verhalen, Frances <[verhalen.frances@epa.gov](mailto:verhalen.frances@epa.gov)>; Casso, Ruben <[Casso.Ruben@epa.gov](mailto:Casso.Ruben@epa.gov)>  
**Subject:** RE: Sterigenics - Initial DRAFT fact sheet

I'm generally okay with the fact sheet. (b) (5)

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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**From:** Verhalen, Frances <[verhalen.frances@epa.gov](mailto:verhalen.frances@epa.gov)>  
**Sent:** Wednesday, March 3, 2021 8:50 AM  
**To:** Casso, Ruben <[Casso.Ruben@epa.gov](mailto:Casso.Ruben@epa.gov)>; Robinson, Jeffrey <[Robinson.Jeffrey@epa.gov](mailto:Robinson.Jeffrey@epa.gov)>  
**Subject:** RE: Sterigenics - Initial DRAFT fact sheet

Minor edits.

Frances Verhalen, P.E., Chief  
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**From:** Casso, Ruben <[Casso.Ruben@epa.gov](mailto:Casso.Ruben@epa.gov)>  
**Sent:** Wednesday, March 03, 2021 7:47 AM  
**To:** Robinson, Jeffrey <[Robinson.Jeffrey@epa.gov](mailto:Robinson.Jeffrey@epa.gov)>; Verhalen, Frances <[verhalen.frances@epa.gov](mailto:verhalen.frances@epa.gov)>  
**Subject:** RE: Sterigenics - Initial DRAFT fact sheet

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**From:** Robinson, Jeffrey <[Robinson.Jeffrey@epa.gov](mailto:Robinson.Jeffrey@epa.gov)>  
**Sent:** Tuesday, March 2, 2021 10:38 AM  
**To:** Casso, Ruben <[Casso.Ruben@epa.gov](mailto:Casso.Ruben@epa.gov)>; Verhalen, Frances <[verhalen.frances@epa.gov](mailto:verhalen.frances@epa.gov)>  
**Subject:** FW: Sterigenics

[REDACTED] b7(D) [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED] I'm assuming we'll be asked to pull together a We Care that outlines what we know about the facilities EtO use, emissions, and emission controls in place where EtO is used. I would also put in a sentence indicated other sterilization techniques being used at other facilities in the Region. Probably need to have the WE CARE prepared by COB on Friday. Please let me know if we need to discuss.

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**From:** Wilson, Aimee <[Wilson.Aimee@epa.gov](mailto:Wilson.Aimee@epa.gov)>  
**Sent:** Thursday, February 25, 2021 1:17 PM  
**To:** Robinson, Jeffrey <[Robinson.Jeffrey@epa.gov](mailto:Robinson.Jeffrey@epa.gov)>  
**Subject:** Sterigenics

Jeff,

Attached are the files for the most recent permit action for Sterigenics. They have this one NSR permit – no title V permit.

Aimee